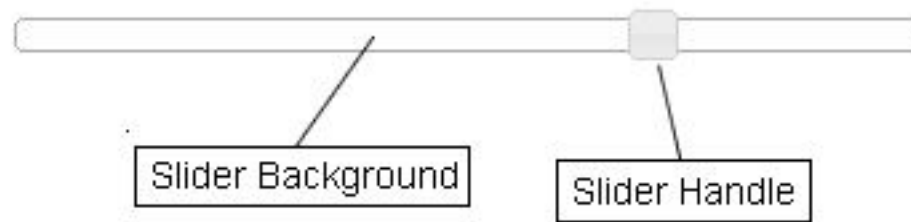# Slider

# Introduction

❖ The slider background represents a series of values that can be selected by dragging the thumb along the background.

# Introduction



Slider Background

Slider Handle

# Sample

```
<!DOCTYPE html>
<html>
<head>
  <link type="text/css" href="http://jqueryui.com/latest/themes/base/ui.all.css"
        rel="stylesheet" />
  <script type="text/javascript" src="http://jqueryui.com/latest/jquery-.3.2.js">
  </script>
  <script type="text/javascript"
    src="http://jqueryui.com/latest/ui/ui.core.js"></script>
  <script type="text/javascript"
    src="http://jqueryui.com/latest/ui/ui.slider.js"></script>
  <script type="text/javascript">
    $(document).ready(function()
    {
        $("#myslider").slider();
    });
  </script>
</head>

<body style="font-size:82.5%;">
<div id="myslider"></div>
</body>
</html>
```
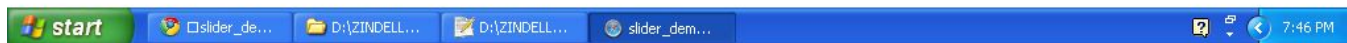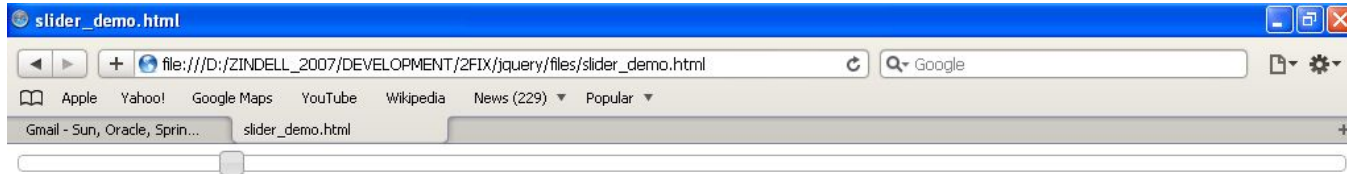
# Sample

# Slider Smoothness

❖ We can set the slider smoothness by using the `animate` property. The value of this property can be one of three possible types.

❖ It can be true or false in order to indicate whether the animation even takes place.

❖ It can be "`slow`", "`normal`" or "`fast`" in order to indicate how fast the animation takes place.
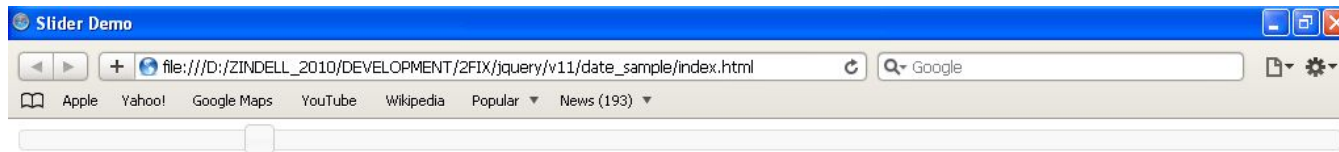
# Slider Smoothness

❖ It can be a number specified in milliseconds in order to specify how long it will take for the animation to complete.

# Slider Smoothness

```html
<html>
    <head>
        <meta http-equiv="Content-Type"
            content="text/html;
            charset=iso-8859-1"/>
        <title>Slider Demo</title>
        <link type="text/css"
            href="css/ui-lightness/jquery-ui-1.8.1.custom.css"
            rel="stylesheet"/>
        <script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>
        <script type="text/javascript"
            src="js/jquery-ui-1.8.1.custom.min.js"></script>
        <script type="text/javascript">
            $(function(){
                var vec = {animate:"slow"};
                $("#myslider").slider(vec);
            });
        </script>
    </head>
    <body>
        <div id="myslider"></div>
    </body>
</html>
```

# Slider Smoothness



© 2008 Haim Michael

# Slider Range

❖ We can set the slider range using the `min` and `max`

  properties.

```
...
$(function()
{
    var vec = {min:100, max:1000};
    $("#myslider").slider(vec);
});
...
```

# Slider Events

❖ The `start` event takes place when the user starts moving the slider.

❖ The `slide` event takes place with each and ever move of the slide.

❖ The `change` event takes place when the slide stops its move or when its value is changed programmatically.

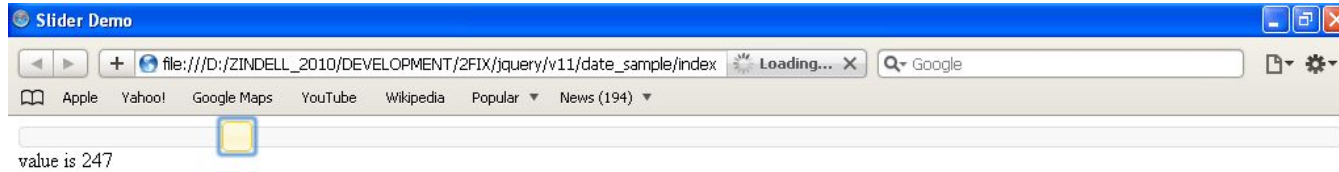❖ The `stop` event takes place when the user stops the sliding.

# Slider Events

```html
<html>

    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
        <title>Slider Demo</title>
        <link type="text/css"
            href="css/ui-lightness/jquery-ui-1.8.1.custom.css" rel="stylesheet" />
        <script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>
        <script type="text/javascript"
            src="js/jquery-ui-1.8.1.custom.min.js"></script>
        <script type="text/javascript">
          $(function(){
            var vec = {
              min:100,
              max:1000,
              change: function(event,ui){$("#info").text("value is "+ui.value);} };
                $("#myslider").slider(vec);
            });
        </script>
    </head>

    <body>
        <div id="myslider"></div>
        <div id="info"></div>
    </body>

</html>
```

# Slider Events

# Multiple Handles

❖ We can create a slider with more than one handle by specifying within the <div> element on which we are building up the slider <div> child elements for each one of the handles we want to have. In each one of them we should specify the ui-slider-handle class.

```
<div id="my_slider">
<div class="ui-slider-handle"></div>
<div class="ui-slider-handle"></div>
</div>
```

# Multiple Handles

❖ Using the `values` property we can specify the initial values of

our handles.

```
...
$(function()
    {
        var vec = {min:100, max:1000, values:[200,300]};
        $("#myslider").slider(vec);
    });
...
```

# Multiple Handles

```html
<html>

    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
        <title>Slider Demo</title>
        <link type="text/css"
            href="css/ui-lightness/jquery-ui-1.8.1.custom.css" rel="stylesheet"/>
        <script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>
        <script type="text/javascript"
            src="js/jquery-ui-1.8.1.custom.min.js"></script>
        <script type="text/javascript">
            $(function(){
                var vec = {min:100, max:1000, values:[200,300]};
                $("#myslider").slider(vec);
            });
        </script>
    </head>

    <body>
        <div id="myslider">
            <div class="ui-slider-handle"></div>
            <div class="ui-slider-handle"></div>
        </div>
    </body>

</html>
```

# Multiple Handles